

APPLICATION PANEL CW DIODE PUMPED SOLID STATE LASERS AND FIBER LASERS

LASER World of Photonics Hall B3



LOCATION

LASER World of Photonics
Munich Trade Fair Center
Forum Hall B3

ADMISSION

Attending the application panels is free of charge. You must purchase an admission ticket to LASER World of PHOTONICS 2017 to gain admission to the halls. The fair is the perfect opportunity to combine expanding your knowledge with making business contacts.

CONTACT

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LASER
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PHOTONICS

APPLICATION PANEL

CW (AND LONG PULSE) DIODE PUMPED SOLID STATE LASERS AND FIBER LASERS STATUS AND PROSPECTS

Diode pumped solid state and fiber lasers are established and attractive technologies for various applications. Recent developments and current trends in the field of high power lasers for scientific and industrial applications are presented. Central topics are significant improvements in efficiency as well as robustness and reliability. The presentations cover CW and pulsed lasers in the micro- and nanosecond range as well as the generation and beam forming of green and ultraviolet light at high average power. The panel provides an overview on state of the art laser technologies for operation in industrial environment. The presentations will be given by selected speakers of international market leaders in the field of high power lasers.

Chairmen:



Frank
Gäbler
Coherent Inc.



Prof. Dr.
Andreas
Tünnermann
Fraunhofer IOF



Hans-Dieter
Hoffmann
Fraunhofer ILT

Program application panel

CW (AND LONG PULSE) DIODE PUMPED SOLID STATE LASERS AND FIBER LASERS - STATUS AND PROSPECTS

Forum Hall B3

Wednesday, June 28, 2017

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|------------|---|------------|--|
| 10.00 a.m. | Frank Gäbler, Coherent Inc.
Welcome and Opening | 11.14 a.m. | Wolfram Rath, Coherent RoFin
Pulsed MW to Continuous Wave Multi kW:
Universal Production Tool Fiber Laser |
| 10.02 a.m. | Hans-Dieter Hoffmann, Fraunhofer ILT
Introduction to EffiLAS - the German Research
Initiative for Innovative High Power Lasers | 11.32 a.m. | Dr. Dahv Kliner, nLight
Next-Generation Industrial Fiber Lasers
for Advanced Materials Processing |
| 10.20 a.m. | Dr. Sebastian Zaske, TRUMPF GmbH + Co. KG
High Power Disk Lasers for IR, VIS, and UV | 11.50 a.m. | Andreas Siewert, IPG Laser GmbH
Multi kW CW and Pulsed ns Lasers and
Beam Delivery |
| 10.38 a.m. | Dr. Qitao Lü, Han's Laser Technology
Industry Group Co., Ltd.
Requirements on industrial solid-state and
fiber lasers from Chinese users | 12.08 a.m. | Speakers Corner |
| 10.56 a.m. | Thorsten Geuking, Coherent Lasersystems
GmbH & CO. KG
Excimer Lasers in Large Area Applications | | |